ASUS desktops – leading in satisfaction with reliability
Based on PCWorld USA 2012 reader survey of tech satisfaction, reliability, and service.



Management

Smart Performance
Powered by top-grade components and technologies, the ASUS Pro Series helps you easily multitask your office work with Intel® 2nd/3rd generation Core™ processors.

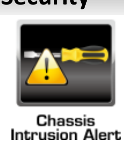


AI Suite II
AI Suite is a user-friendly, all-in-one interface that integrates ASUS utilities. It allows users to check system information, update BIOS, and access other ASUS-exclusive utilities.



Built-in COM and Parallel Ports*
The BM6820 features a modular design that offers more flexible support for hard drives, RAM, PCI cards, and USB devices — ideal for ever-expanding businesses. The COM and parallel ports are both on motherboard with optional cable required, freeing up PCI slots for additional upgrades. An easy-to-service chassis design helps maximize uptime by making upgrades and routine maintenance effortless.(*optional)

Security



Chassis Intrusion Alert*
Brings up special security notices the next time you boot your computer in the event the case has been opened without your knowledge, further ensuring the safety of components and data.(*optional)



F9 One Key Recovery
With the F9 single click, you can use the recovery partition quickly restores your Desktop PC's software to its original working state. (copying your data files and making note of any customized configuration settings before using the system recovery partition are required.)

Reliability



100% Solid Capacitors
ASUS Pro Series desktops are made with the world's best motherboards and employ premium solid capacitors. High quality components provide utmost durability, improved longevity, and enhanced thermal performance.



Stringent Quality Tests
All commercial models are tested to operate in the 0°-50° C range and in even the most humid environments safely for over 70 consecutive hours. To simulate shipping, Pro Series products are dropped from different angles to ensure unwavering solid quality.

BM6820 Specification



- Smart Performance
- AI Suite II
- Built-in COM and Parallel Ports(optional)
- Chassis Intrusion Alert(optional)
- F9 One Key Recovery
- Stringent Quality Tests

Operating System		Windows 8 Pro Windows® 7 Professional Windows® 7 Home Premium Linpus Linux (Optional)
CPU		The 2nd generation Intel® Core™ i3/i5/i7, Celeron®, Pentium Processors The 3rd generation Intel® Core™ i3/i5/i7, Celeron®, Pentium Processors
Chipset		Intel® H61
Raid		N/A
Graphics		Intel® HD Integrated Graphics 4000/2500/3000/2000 Discrete graphics card (Optional)
Memory		2 x DIMM dual channel DDR3 1600[*1]/1333/1066MHz Support max.8GB
Expansion Slots		1 x PCI/1 x PCI-e x 16/ 2 x PCI-e x 1
Serial ATA		4 x SATA II
Storage		Support up to 2TB (SATA 7200 RPM)
Drive Bays		2 x 5.25" (ODD) 4 x 3.5" (1 x Card reader/2 x HDD)
LAN / LAN Chip		Intel® 82579V GB LAN Support Wake On Lan function
Audio		VIA VT1705, High-Definition Audio,6 Channels
Interface	Front I/O Port	4 x USB 2.0/ 1 x Microphone/ 1 x Headphone/ 1 x Card Reader (Optional)
	Rear I/O Port	4 x USB 2.0 2 x PS/2 1 x DVI-D 1 x D-Sub (VGA Out) 1 x RJ45 LAN 1 x 6 Channel Audio (3 ports) 1 x Parallel Port (optional) 1 x COM Port (Serial Port)(on board I/O)
Power Supply		300W (Optional) / Peak 350W / Peak 350W 80 Plus (Optional)/500W(Optional)
Dimension (mm) W x H x D		180 x 364 x 398 mm (29.6L with bezel)
Dimension (mm) with Carton W x H x D		295 x 490 x 520 mm
Weight with Carton (Kg)		13.5 kgs
Accessories		1 x Keyboard (USB/PS2)/1 x Mouse (USB/PS2)/1 x Warranty Card/1 x Power Cord 1 x User Manual (QIG)/1 x Driver CD/1 x Recovery CD (ship with OS)/1 x Mouse Pad
Software		PC-cillin Trial Version Office 2010 Starter or Office 2010 (60-day trial) Nero Essentials (for ODD sku only)
ASUS Utility		ASUS AI Suite II/ ASUS Update/ ASUS Q-fan II/ASUS EPU/F9 One Key Restore ASUS WebStorage/ASUS Secure Delete/ASUS AI Recovery(Optional)
Certifications		Energy Star, FCC, CE, BSMI, CCC, CB, C-Tick, UL, EPEAT, PSB, VCCI
Note		Support: Kensington Security Slot. Chassis Intrusion (Optional) [*1]: Memory speed up to 1600MHz when using Ivy Bridge CPU. EPEAT country list please refer to: http://www.epeat.net/

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